

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/016585

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F9/445 H03M7/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 999 989 A (PATEL ET AL) 7 December 1999 (1999-12-07) claims 1-37	1-30
X	US 5 901 310 A (RAHMAN ET AL) 4 May 1999 (1999-05-04) the whole document	1-30
X	GB 2 276 257 A (* ICL SYSTEMS AB) 21 September 1994 (1994-09-21) page 4, line 13 - page 5, line 11 page 6, line 16 - line 29 page 9, line 6 - page 11, line 18 page 14, line 11 - line 23 ----- -/-	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

16 September 2005

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06/10/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DAVID J: "Security in a Flash" COMPUTERS & SECURITY, ELSEVIER SCIENCE PUBLISHERS. AMSTERDAM, NL, vol. 22, no. 1, January 2003 (2003-01), pages 29-33, XP004410375 ISSN: 0167-4048 the whole document	1-30
A	"FIRMWARE IMAGE COMPRESSION" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 38, no. 4, 1 April 1995 (1995-04-01), pages 89-90, XP000516080 ISSN: 0018-8689 the whole document	1-30
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04, 2 April 2003 (2003-04-02) & JP 2002 358207 A (YAMAHA CORP), 13 December 2002 (2002-12-13) abstract	1-30

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Information on patent family members

International Application No  
PCT/US2004/016585

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5999989	A	07-12-1999	NONE	
US 5901310	A	04-05-1999	NONE	
GB 2276257	A	21-09-1994	FI 941288 A SE 515082 C2 SE 9300914 A	20-09-1994 05-06-2001 20-09-1994
JP 2002358207	A	13-12-2002	NONE	